LAB MODELS

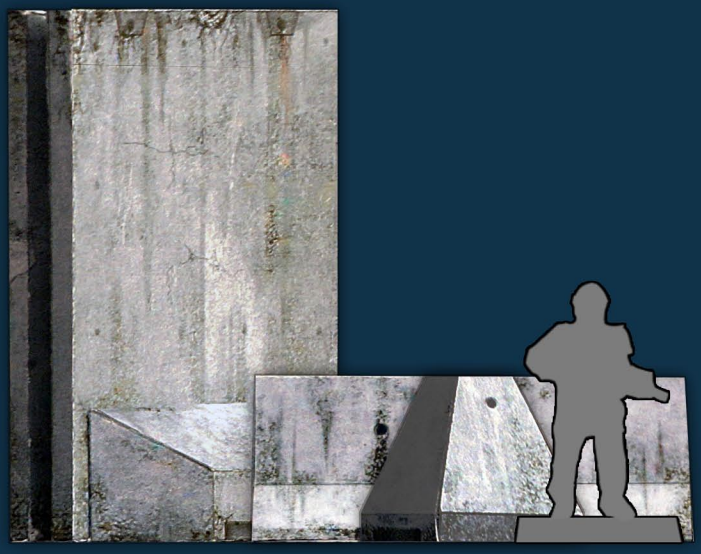
PAPER GAMING TERRAIN:
MODERN / SF



CONCRETE BARRIERS

- 8 BLAST WALLS
- 8 ROAD BARRIERS
- 8 DRAGON TOOTH BOLLARDS
- each with unique, detailed texture
- designed for 15-30mm gaming scale
- ready to print
- assembly instructions included

Difficulty: ●●ooo



PAPER GAMING TERRAIN: MODERN / SF

CONCRETE BARRIERS

Thank you for purchasing our product!

This set of concrete barriers will surely improve your miniature battlefield.

Please visit MiniLab blog at: www.minilabmodels.wordpress.com to check for upcoming models, tips and free content.

If you encounter any problems assembling this set or you have any comments, suggestions or questions regarding this set feel free to contact us at: minilabmodels@hotmail.com

MiniLab models: Concrete barriers
Design, geometry and textures:
Krzysztof Komorowski ©2013

Contents:

Instructions 2-3
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Dragon tooth bollards 6
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PREPARATION

Printing

Print the pages you need on A4 or US Letter-sized format without any scaling (turn off any "fit to page " options) for 30mm gaming scale or at 50% for 15mm. You can also print two sheets on a page but it may not match 50% exactly.
Use printer and paper of your preference. I prefer to use Inkjet printers and recommend plain 180g/m2 (ca.90#) paper for this model. You can also print it on standard copy paper and glue it on thicker cardstock.

Cutting and Creasing

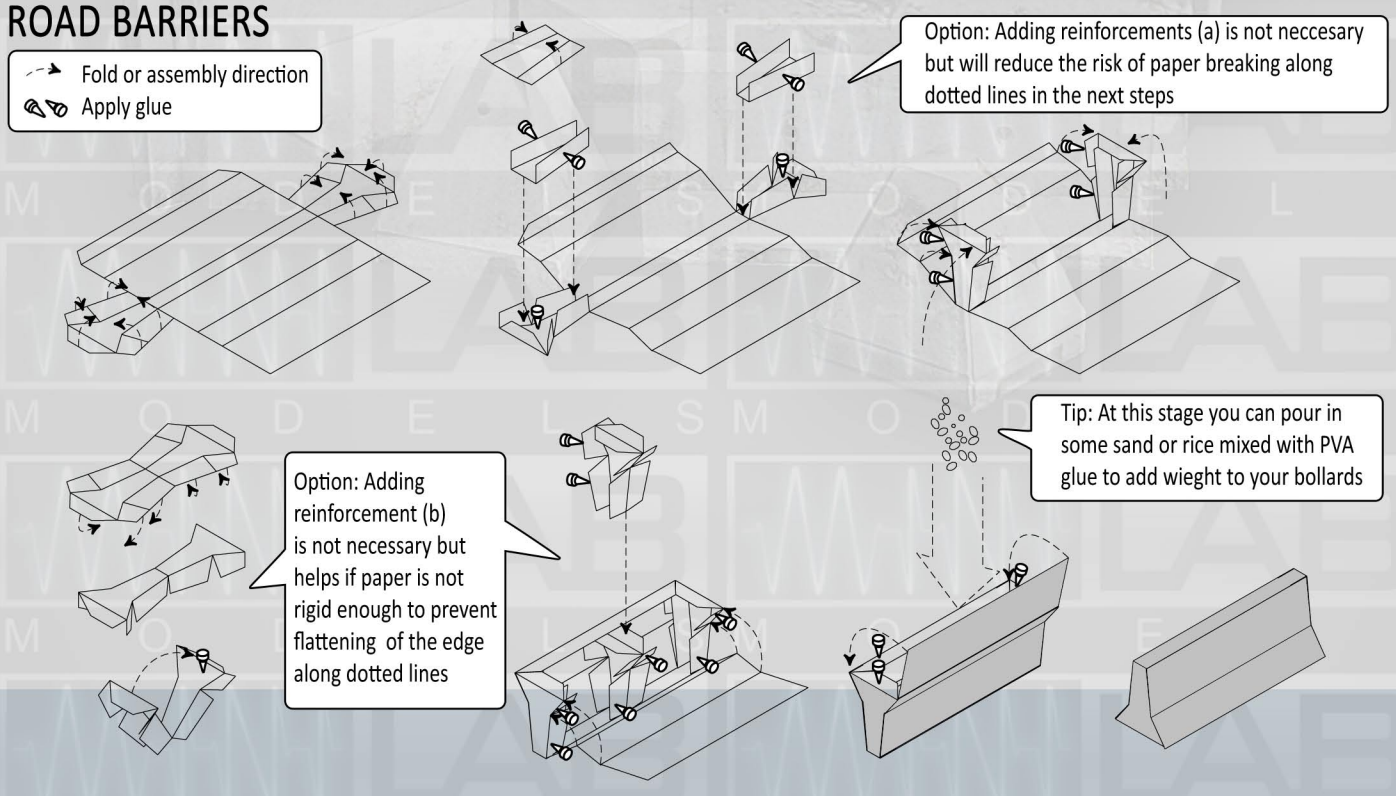
Crease all elements prior to cutting using blunt edged tool (empty ball pen works well) or back of a hobby knife (be careful not to cut through). Cut out all elements along the black lines or texture edge using scissors or hobby knife. Pre fold all elements along the scored lines. It will save your time when assembling especially when working with multiple models at a time.

Assembly and glue

Use glue you are most proficient with, for me clear drying PVA works best. Use toothpick or precise applicator to apply thin and even coat. I do not recommend glue sticks or office glue pens as they can be difficult to apply on small elements and not bond well enough for complex models. Dry fit elements before gluing unless you are sure where to glue them. Too much of re-positioning with glue applied may easily ruin your work.

Good luck assmembling your concrete barriers.
Have fun.

ROAD BARRIERS



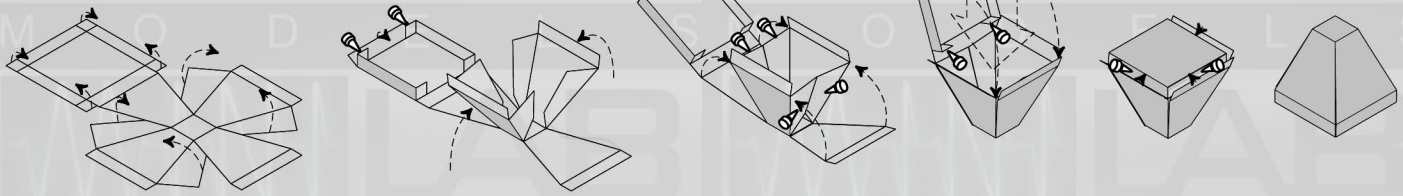
LAB MODELS

PAPER GAMING TERRAIN: MODERN / SF

CONCRETE BARRIERS

DRAGON TOOTH BOLLARDS

Fold or assembly direction
Apply glue

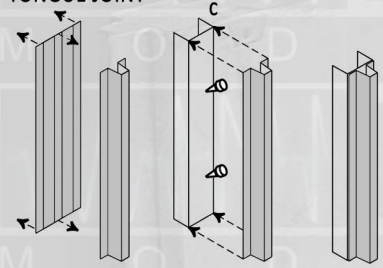


Tip: At this stage you can pour in some sand or rice mixed with PVA glue to add wieght to your bollards

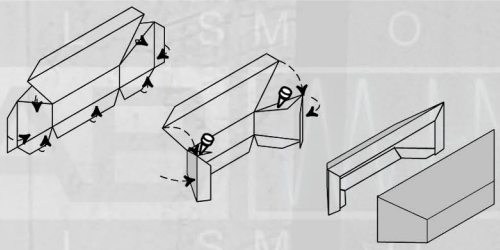
BLAST WALLS

Fold or assembly direction
Apply glue

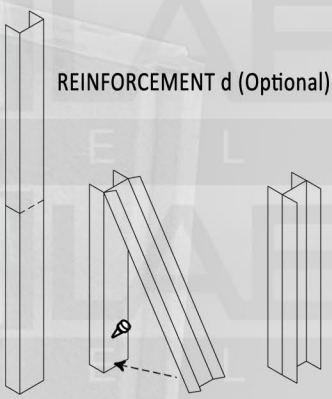
TONGUE JOINT



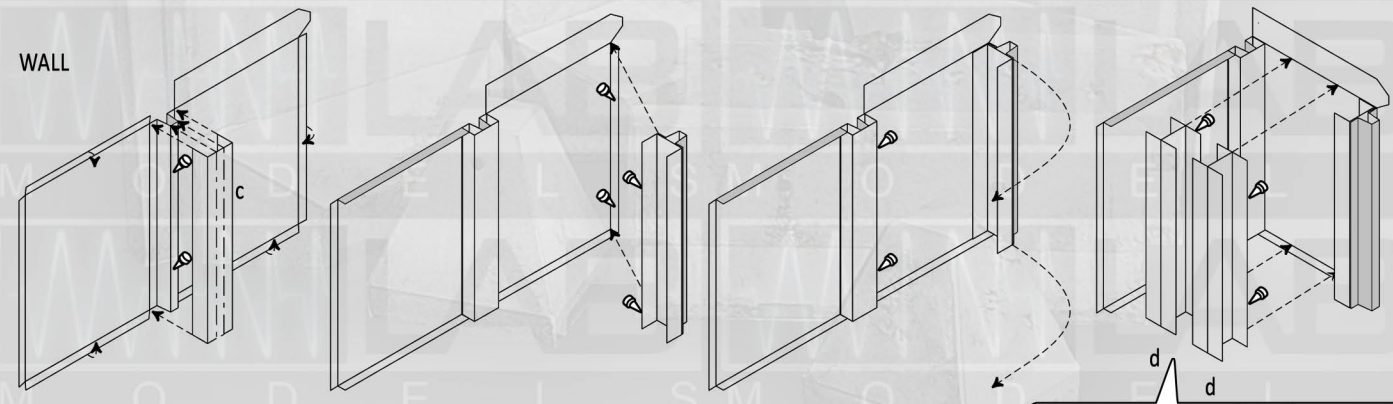
PLINTH



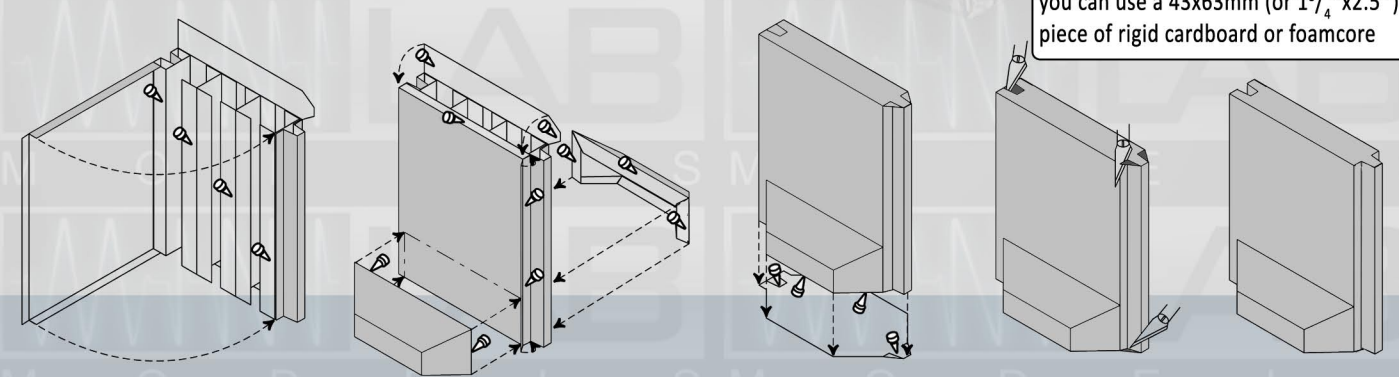
REINFORCEMENT d (Optional)



WALL



Alternative: Instead of reinforcement (d) you can use a 43x63mm (or $1^{3}/_{4}$''x2.5'') piece of rigid cardboard or foamcore

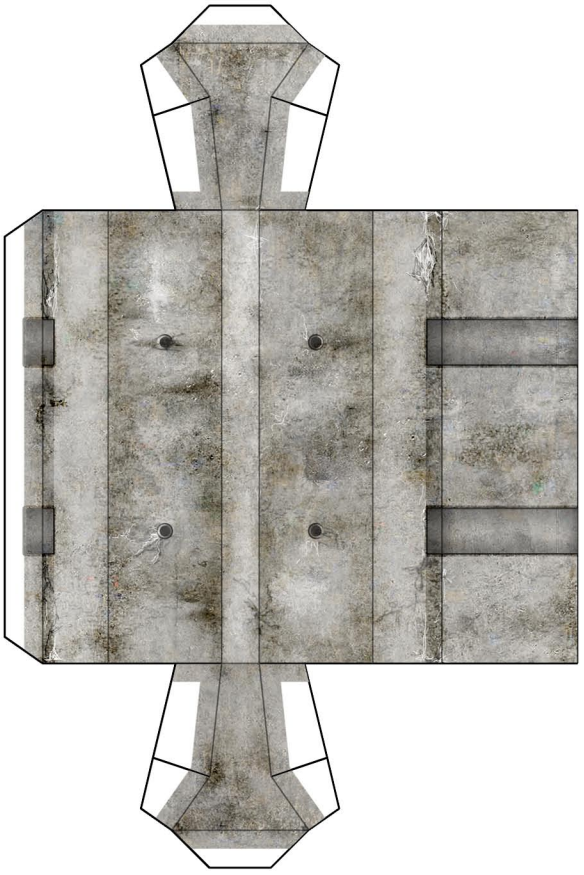


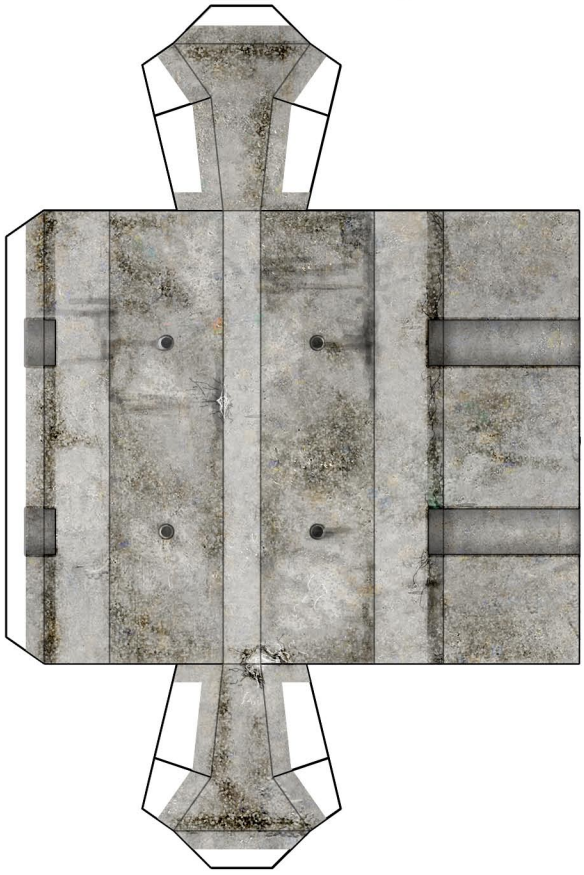
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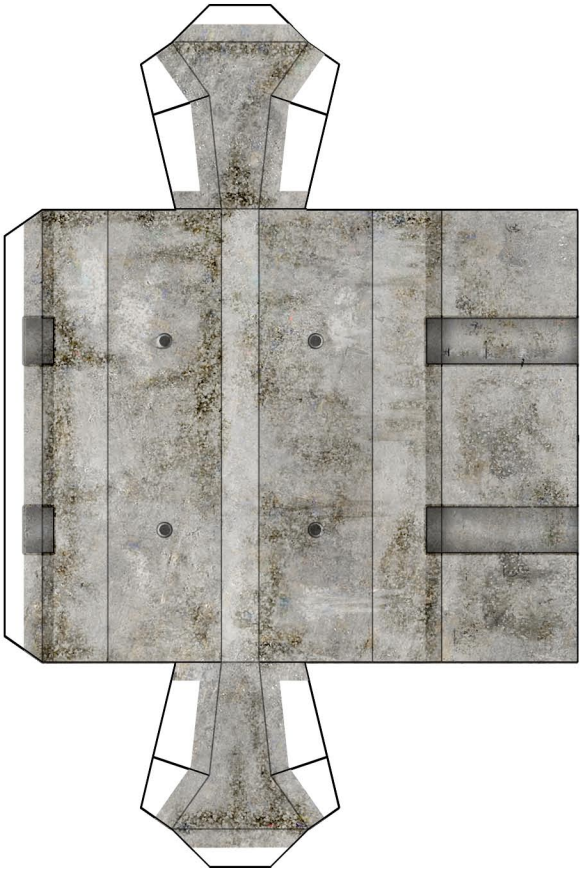
Score and fold along grey/ lighter lines

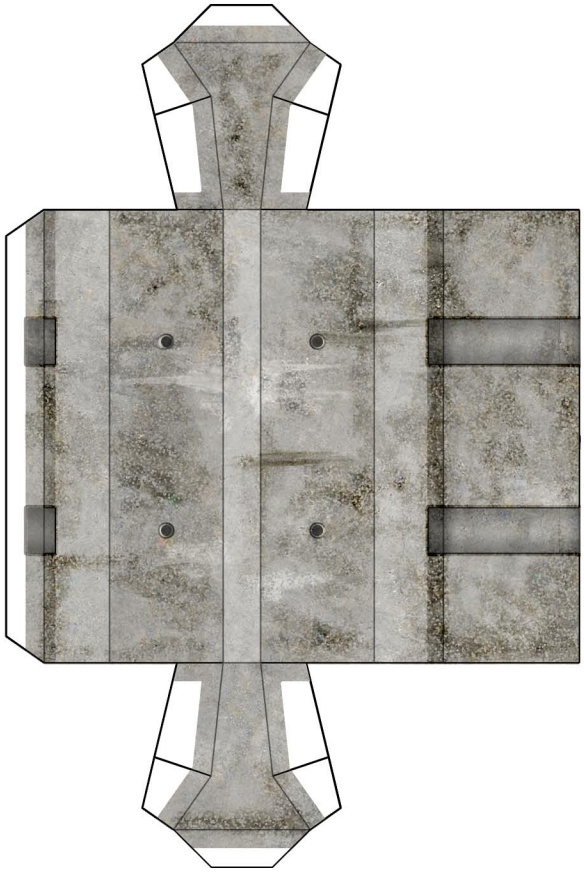
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ROAD BARRIERS 1/2





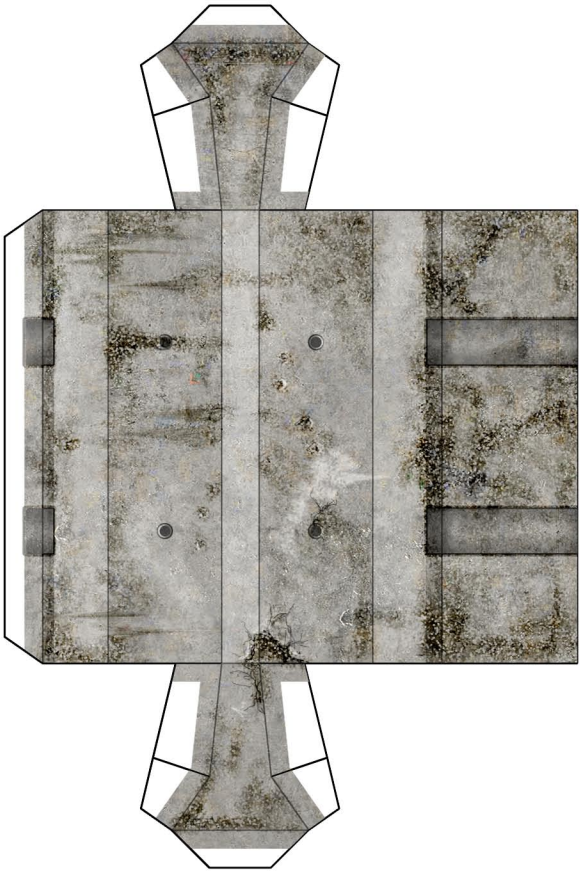


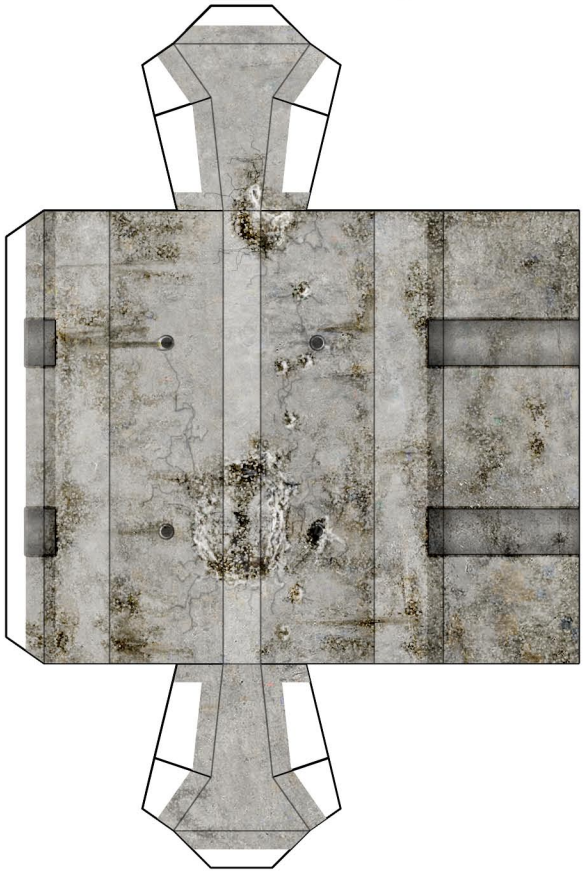


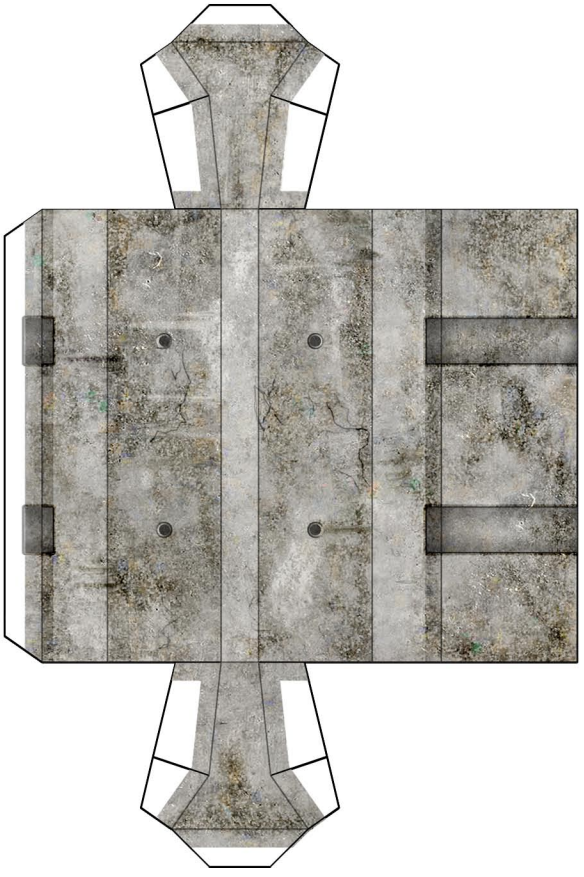
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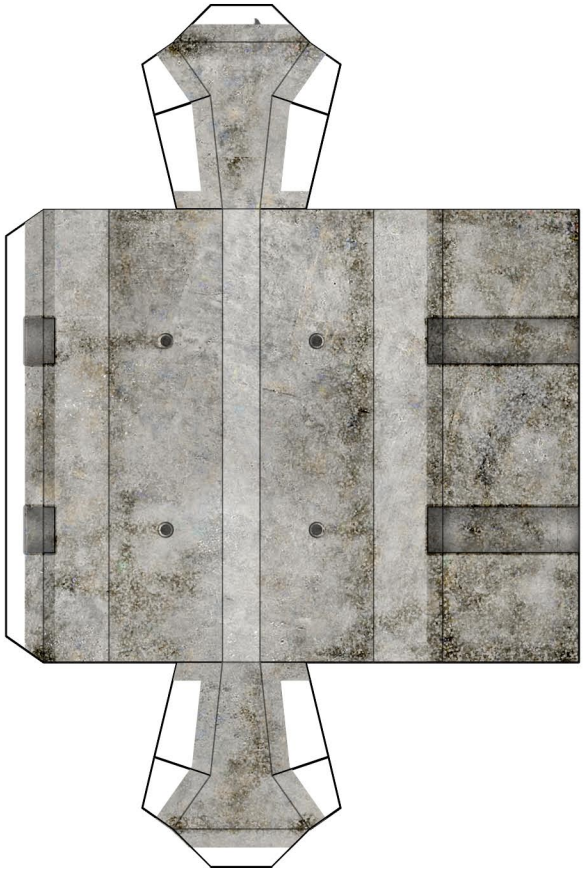
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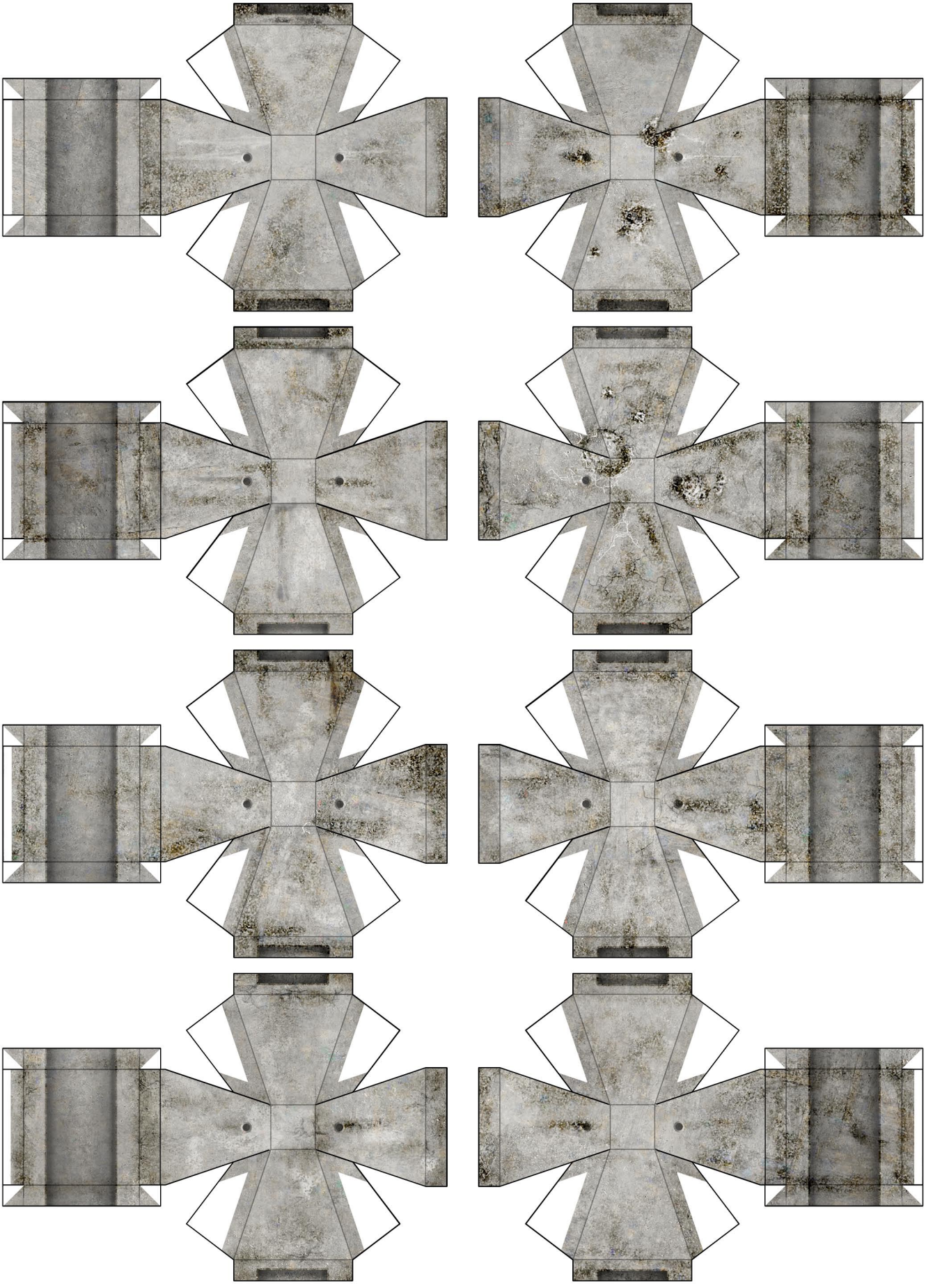




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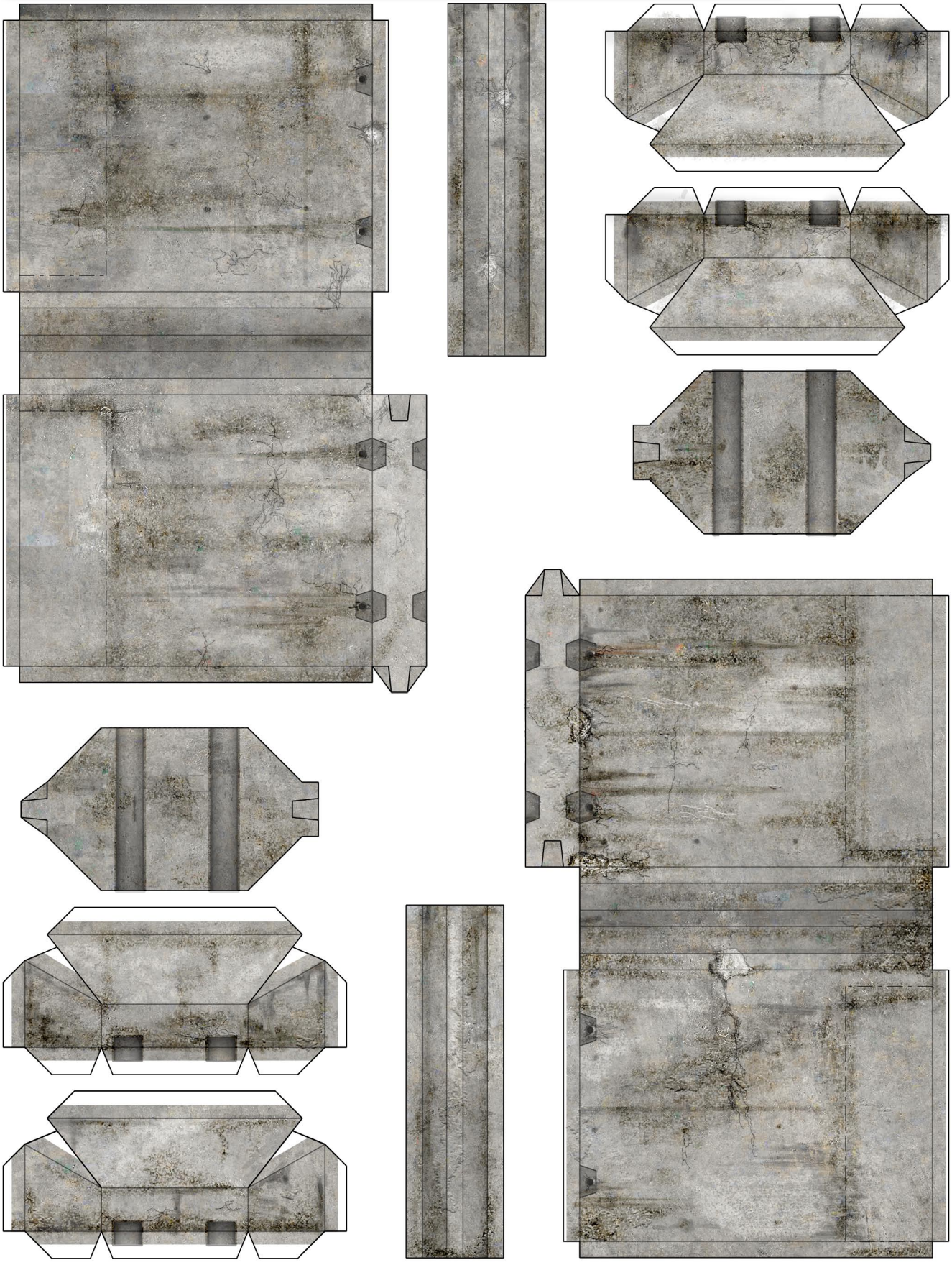
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CONCRETE BARRIERS

BLAST WALLS 1/4



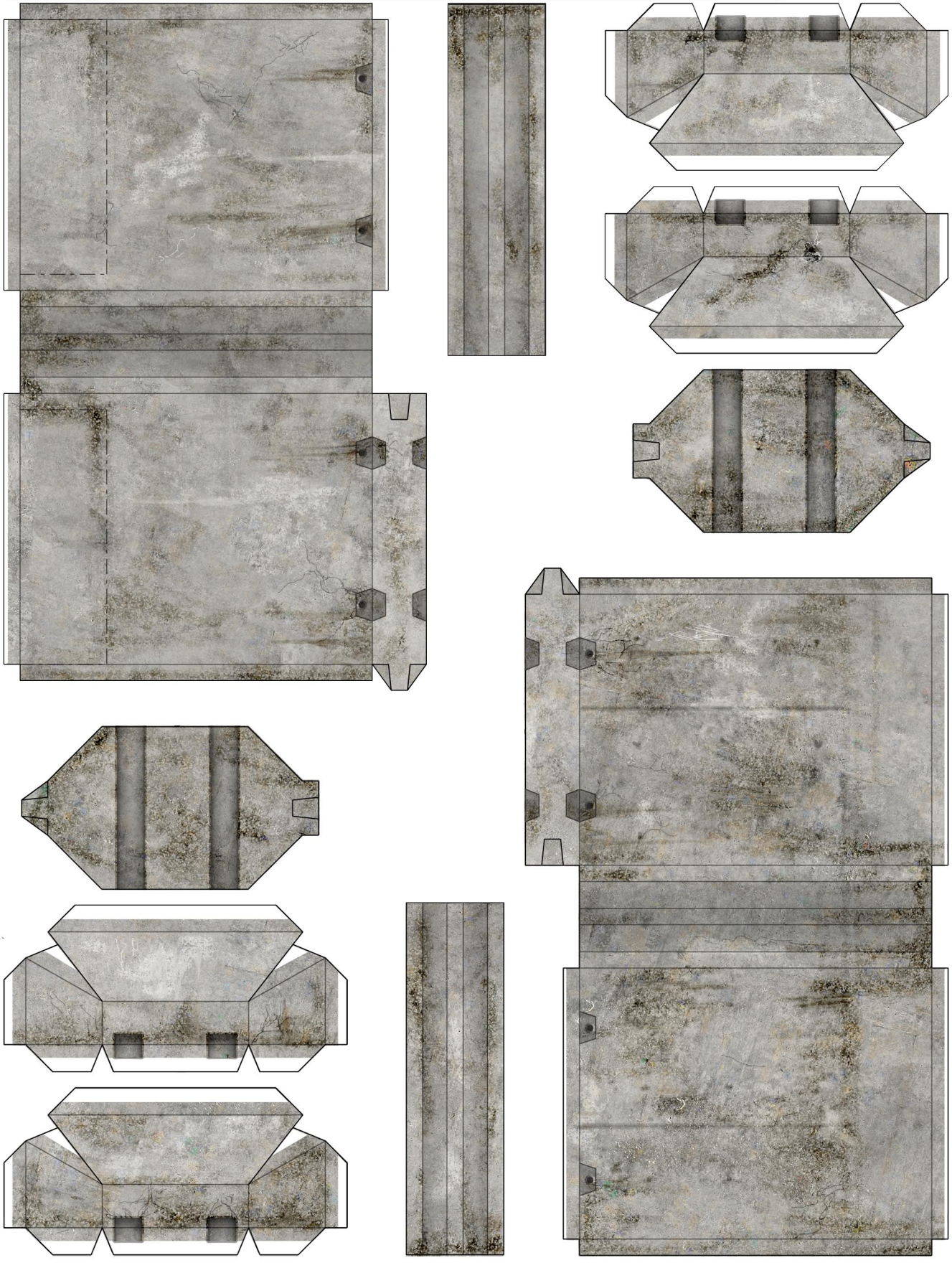
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CONCRETE BARRIERS

BLAST WALLS 2/4



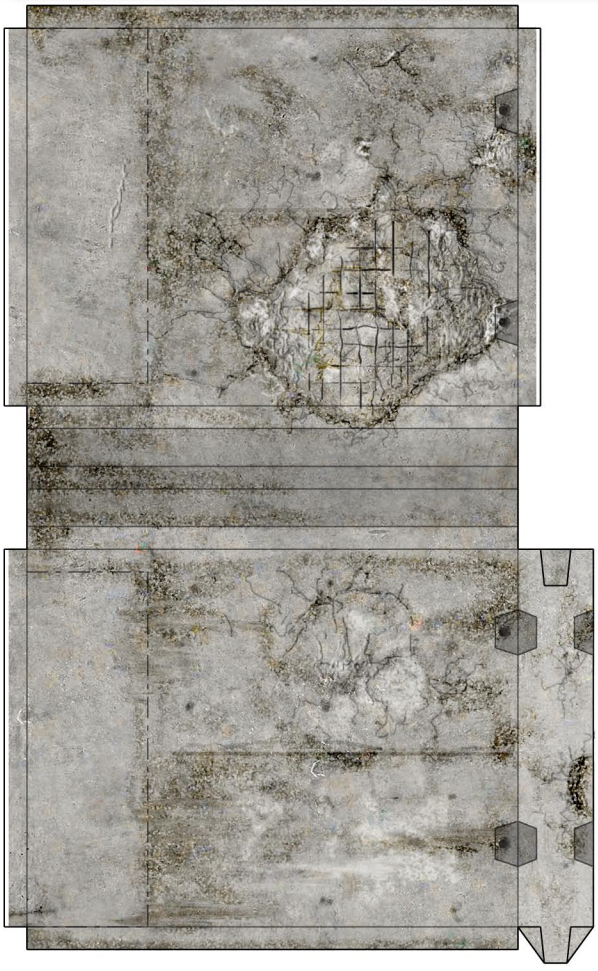
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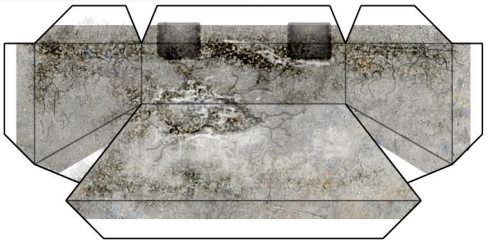
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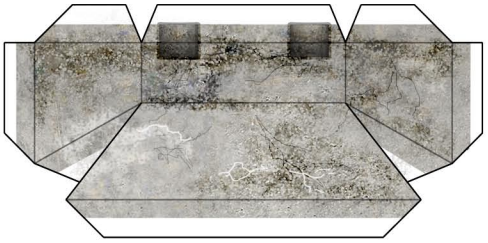
CONCRETE BARRIERS

BLAST WALLS 3/4



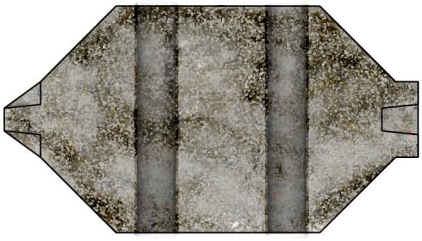


















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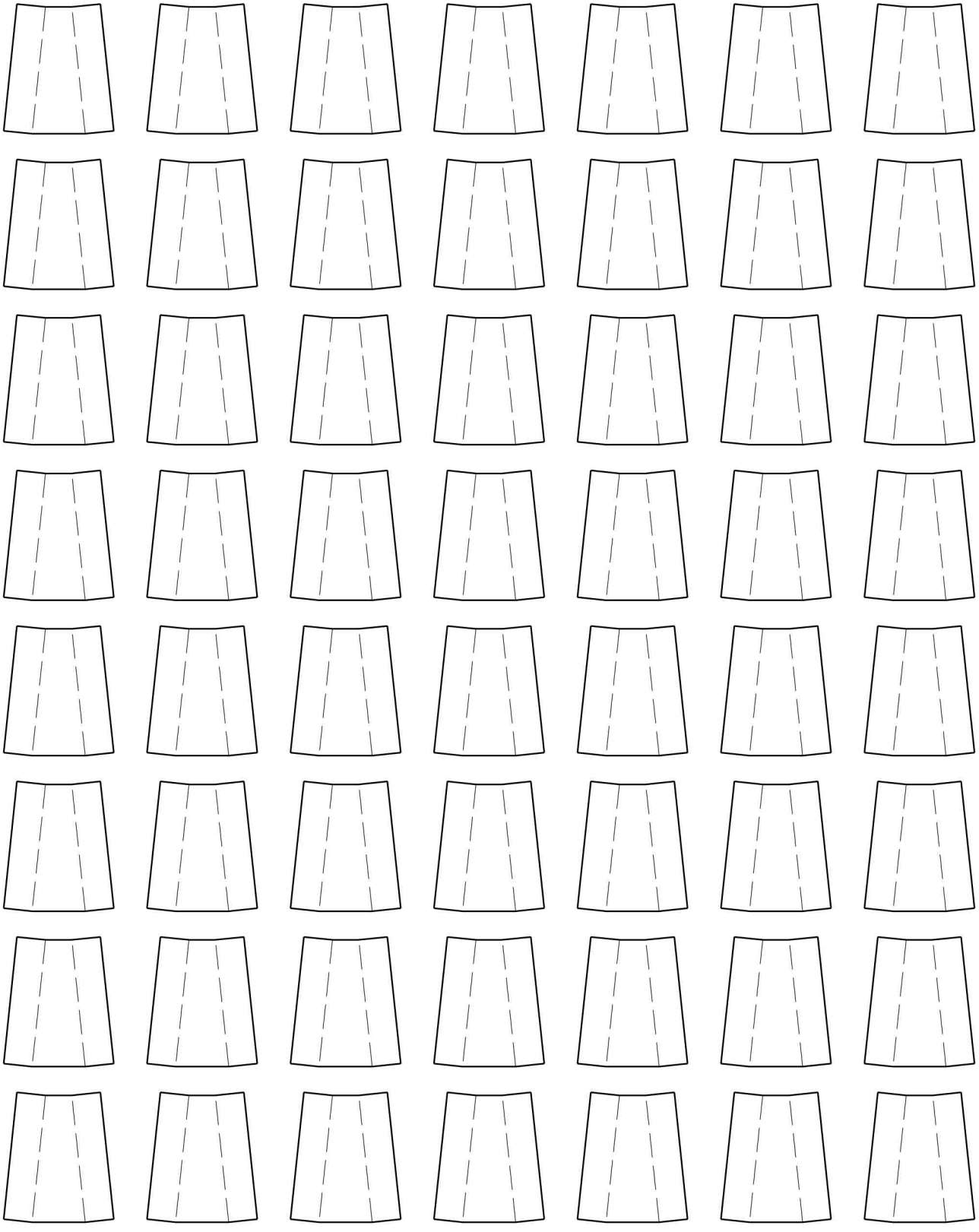
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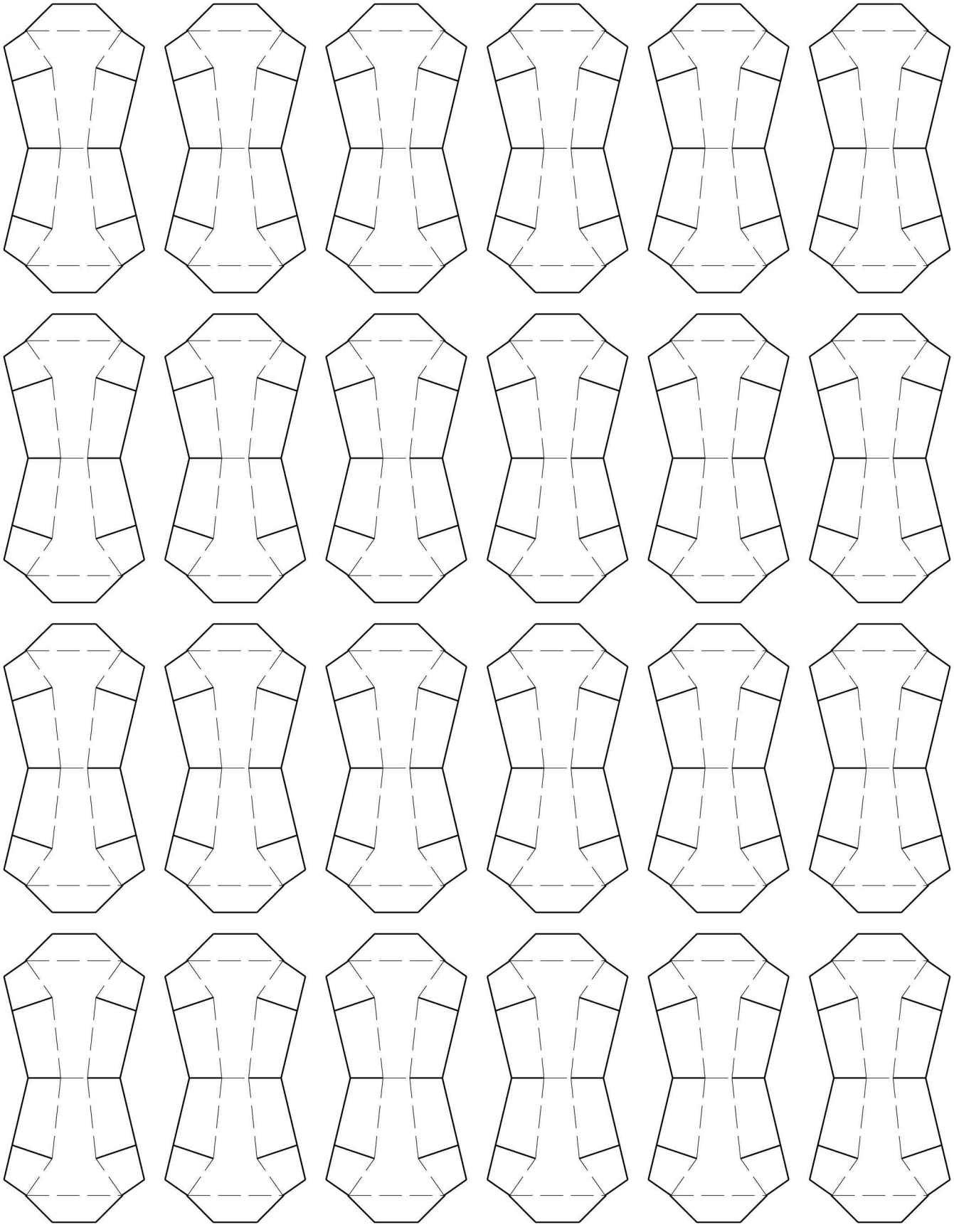
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REINFORCEMENT A



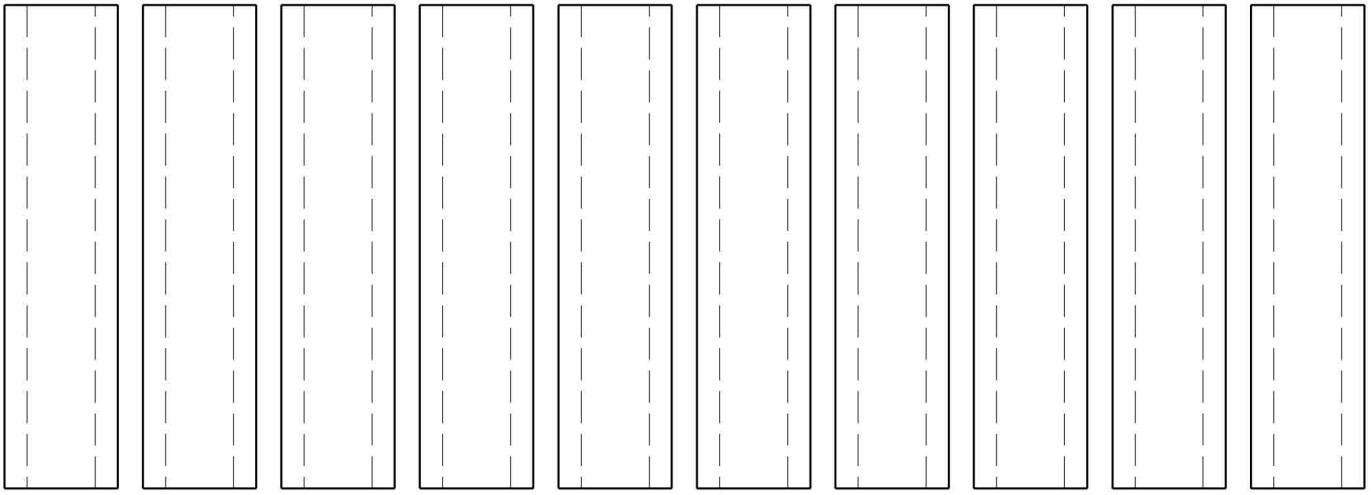
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REINFORCEMENT B



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REINFORCEMENT C



REINFORCEMENT D (Cut along the middle dashed line to get more C reinforcements instead)

